

SHEET - PB ventor: Gregory D. Jay Filed: April 24, 2000

le: Tribonectins Rgent: Mintz, Levin, Cohn, Ferris, Glovsky & Popeo

.Fig_1

Telephone: (617) 542-6000

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NH2-257 6 200 VKDNKKNRTKKKPTPKPPVVDFAGSGLDNGDFKVTTPDTSTTQHNKVSTSPKITTAK MSF KVTTPDTSTTQHNK 318 258 PINPRPSLPPNSDTSKETSLTVNKETTVETKETTTTNKQTSTDGKFKTTSAKETQSIEKT 379 SAKDLAPTSKVLAKPTPKAETTTKGPALTTPKEPASTTPKEPTPTTIKSAPTTPKEPAPT 1050 400 ${\tt TTKSAPTTPKEPAPTT} \cdots ({\tt KEPAPTT})_{71} \cdots {\tt PTPRKMTSTMPELNPTSRIAEAMLTTTRPNQ}$ 1139 1082 TPNSKLVEVNPKSEDAGGAEGETPHMLLRPHVFMPEVTPDMDYLPRVPNQGIIINPML MSF KSEDAGGAEGETPHMLLRPHVFMPEVTPDMDYLP 1168 7 1141 S DETNICNGKPVDGLTTLRNGTLVAFRG HYFWMLSPFSPPSPARRITEVWGIPSPI MSF RG HYFWMLSPFSPPSPARRITEVWGIPSPI 9 1213 DTVFTRCNCEGKTFFFK DSQYWRFTNDIKDAGYPKPIFKGFGGLTGQIVAALSTAK MSF KGFGGLTGQIVAALSTA DTVFT 1263 10 YKNWPESVYFFK

Fig. 1

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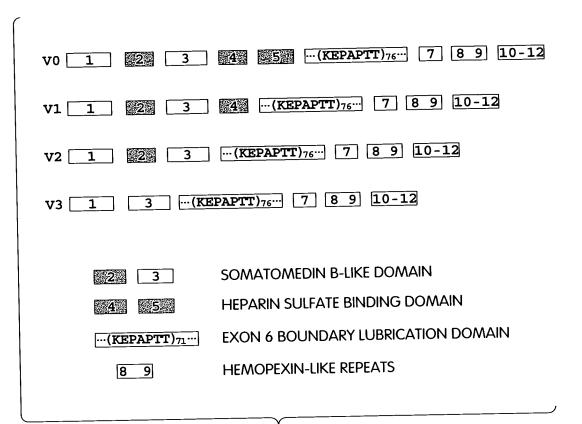


Fig. 2A

ſ		ARTICULAR CHONDROCYTES SYNOVIAL FIBROBLASTS							
1	ISOFORM	FXON 2	FXON 4	EXON 5	EXON 2	EXON 4	EXON 5	PREDICTED MOLECULAR WEIGHT	
	V0	+	+	+	+	+	+	151.096 KD0	
		 	+	-	+	+	-	146.327 kDa	
		+		_	+	-	-	140.894 kDa	
	VZ	 			_		-	135.207 kDa	
	ν.)	1	ı						

Fig. 2B

Fig. 3 Filed: April 24, 2000 Inventor: Gregory D. Jay Title: Tribonectins

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502 630 ATA ACA GAA [GAA....AAA] GTA AAA GAT AAC V1 exon 4 exon 5 $\mathbf{D} \mathbf{N}^{203}$ I 154 T 155 E 156 630 352 V2 GAG AGT TTC TGT GCA GAA [GTG AAA] GTA AAA GAT AAC exon 6 exon 4 $D N^{203}$ C¹⁰⁴ A¹⁰⁵ E¹⁰⁶ 352 630 109 TCA TCT CAA [GAT....GCG] GAG....TGT GCA GAA [GTG....AAA] GTA AAA GAT AAC V3 exon 6 exon 3 exon 4 exon 1 exon 2 D N²⁰³ S²³ S²⁴

Fig. 3